

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000719

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C25C 7/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C25C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9635007 A1 (WENMEC SYSTEMS AKTIEBOLAG), 7 November 1996 (07.11.1996), page 2, line 6 - line 16, figures 2,3, claim 4, abstract --	1-11
A	US 4840710 A (BRUCE MIDDLELIN ET AL), 20 June 1989 (20.06.1989), column 1, line 30 - line 41, figures 1-4, abstract --	1-11
A	WO 0079029 A2 (COPPER REFINERIES PTY LTD), 28 December 2000 (28.12.2000), figures 1A-1D, abstract --	1-11

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

4 February 2005

Date of mailing of the international search report

07-02-2005

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Ulrika Nilsson/ELY

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000719

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FI 47910 B (NORDDEUTSCHE AFFINERIE), 10 April 1974 (10.04.1974), page 2, line 20 - line 31; page 3, line 1 - line 7, figures 1-2 -- -----	1-11

INTERNATIONAL SEARCH REPORT
Information on patent family members

31/12/2004

International application No.

PCT/FI 2004/000719

WO	9635007	A1	07/11/1996	AT	203286	T	15/08/2001
				AU	699414	B	03/12/1998
				AU	5783396	A	21/11/1996
				BR	9608272	A	04/05/1999
				CA	2219934	A	07/11/1996
				CN	1073172	B	17/10/2001
				CN	1183814	A	03/06/1998
				DE	69613976	D,T	04/04/2002
				EA	141	B	00/00/0000
				EA	970357	A	30/04/1998
				EP	0826078	A,B	04/03/1998
				SE	0826078	T3	
				ES	2160245	T	01/11/2001
				JP	11504389	T	20/04/1999
				PL	187504	B	30/07/2004
				PL	323134	A	16/03/1998
				SE	504297	C	23/12/1996
				SE	9501662	A	05/11/1996
				US	6079093	A	27/06/2000
				ZA	9603511	A	13/11/1996
US	4840710	A	20/06/1989	AU	594208	B	01/03/1990
				AU	8057387	A	05/05/1988
				BE	1000618	A	21/02/1989
				BR	8705819	A	28/06/1988
				CA	1317907	A,C	18/05/1993
				DE	3737176	A,C	11/05/1988
				FI	83887	B,C	31/05/1991
				FI	874733	A	05/05/1988
				GB	2196989	A,B	11/05/1988
				GB	8725054	D	00/00/0000
				MX	169155	B	23/06/1993
				PT	86070	A,B	01/12/1987
				SE	8704295	A	05/05/1988
WO	0079029	A2	28/12/2000	AU	776012	B	26/08/2004
				AU	5199800	A	09/01/2001
				AU	PQ106799	D	00/00/0000
				BR	0011755	A	05/03/2002
				CA	2377264	A	28/12/2000
				CN	1460132	T	03/12/2003
				EP	1395690	A	10/03/2004
				PL	354349	A	12/01/2004
				TR	200103609	T	21/10/2004
				US	6814847	B	09/11/2004
				ZA	200110360	A	05/06/2003
FI	47910	B	10/04/1974	BE	698383	A	16/10/1967
				DE	479921	C	24/07/1929
				GB	1133911	A	20/11/1968
				SE	315456	B	29/09/1969
				US	3693236	A	26/09/1972